

College Algebra
Polynomials

Name Kel
Date _____

Expression	Polynomial Yes or No	Coefficients	Degree of Polynomial (name)	Number of terms (name)
1) $7x+5$	Yes	7, 5	1, linear	2, binomial
2) $5x^2+6x-3$	Yes	5, 6, -3	2, quadratic	3, trinomial
3) $4x^3y^{-2}+4$	No	—	—	—
4) $-12x^3yz^2$	Yes	-12	6, —	1, monomial
5) $7x^2+\frac{x}{3}+2$	Yes	7, $\frac{1}{3}$, 2	2, quadratic	3, trinomial
6) $12-3x+4$	Yes	-3, 16	1, linear	2, binomial
7) $9a^3+6a-4$	Yes	9, 6, -4	3, cubic	3, trinomial
8) $3x^2y^a-7x^3y^6$	Yes	3, -7	—	2, binomial
9) $2+5y+7xy+14x$	Yes	2, 5, 7, 14	2	4 term poly
10) $\frac{8}{x}-6$	No	—	—	—
11) x^7+3	Yes	1, 3	7	2, binomial